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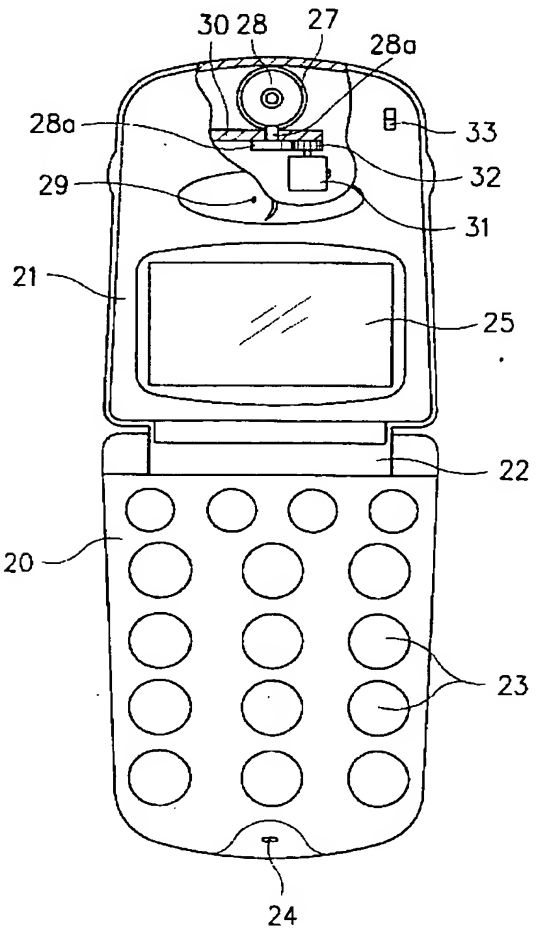
(30) Priority:

(54) Title of Invention
APPARATUS FOR INSTALLING CAMERA LENS IN FOLDER-TYPE CELLULAR PHONE

Representative drawing



(57) Abstract:

PURPOSE: An apparatus for installing camera lens in a folder-type cellular phone is provided to enable the cellular phone to be operated as a video cellular phone when the lens is toward a folder, and as a camera phone when the lens is toward the outside of the cellular phone, by mounting the lens on the folder so that the direction of the lens can changed by a motor.

CONSTITUTION: A microphone (24) and key buttons(23) are installed in a body(20). A speaker(26) and an LCD(25) for displaying a character and a number, are installed in a folder (21). A hinge part(21) couples the folder(21) to the body(20). A lens insertion hole(27) is formed through the center of the folder (21). A camera lens(28) includes a rotation shaft(28a) and a fixed

gear(2). The rotation shaft(28a) is installed on a frame(30), and the fixed gear(2) is in gear with a drive gear(32) of a motor(31). A switch button(33) for operating the motor(31) is installed at one side of the folder(21).

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